

ABSTRACT OF THE DISCLOSURE

5 In an FM-CW radar system, a frequency modulating said
modulating wave output from said modulating signal generator
has a frequency variation skew with respect to a time axis
(modulation skew), and the radar system includes a means for
varying the modulation skew by controlling the modulation
10 frequency amplitude or modulation period of the modulating
signal. The radar system further includes a means for
discriminating a signal component varying in response to the
variation of the modulation skew, thereby discriminating a
signal related to a target object from other signals. In the
15 case of an FM-CW radar system that performs transmission
and/or reception by time division ON-OFF control the radar
system includes a means for discriminating a signal which,
when the frequency used to perform the ON OFF control is
varied, varies in response to the variation of the frequency,
20 thereby discriminating a signal related to a target object
from other signals.

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